




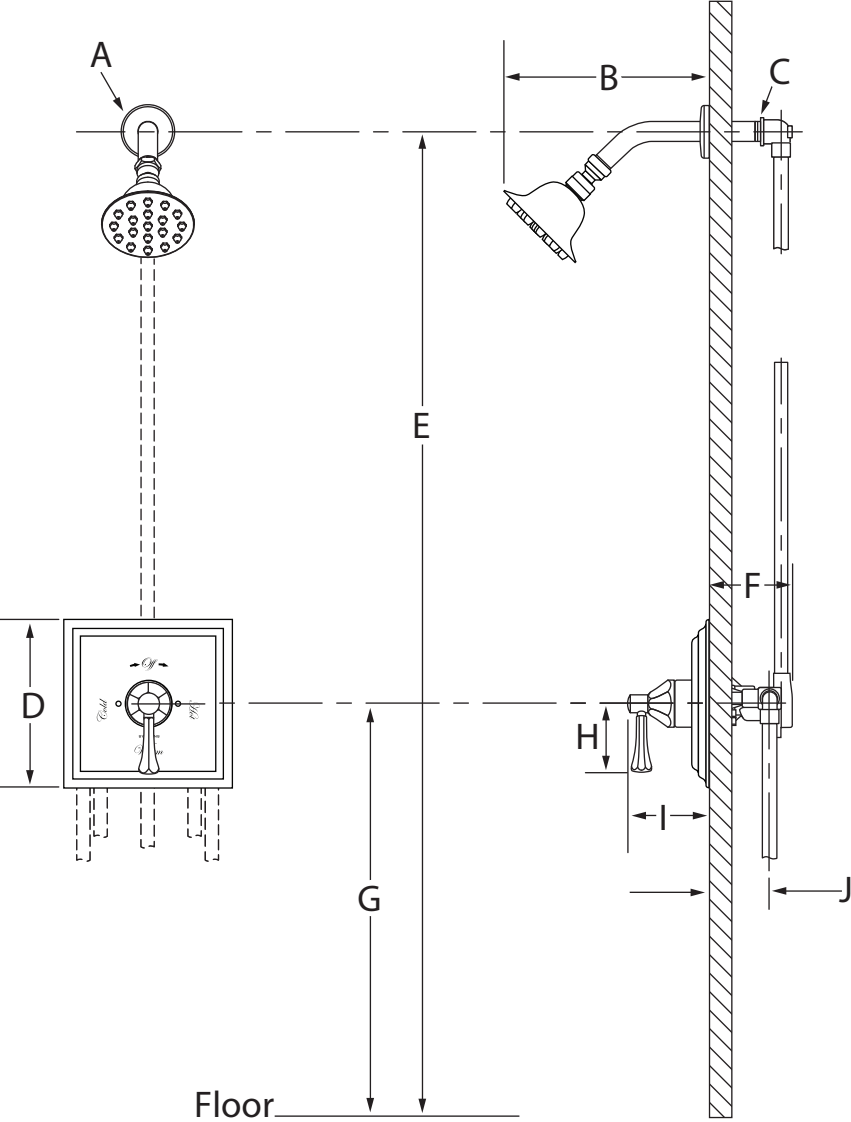


4500-TRM, 4501-TRM
 Canterbury™ Trim Series
 Operation & Maintenance Manual



Model Numbers	Specifications
<input type="checkbox"/> 4500-TRM <i>Valve Trim</i> <input type="checkbox"/> 4501-TRM <i>Shower Trim</i>	Shower trim with lever handle includes 1 mode showerhead (4-163) with standard 2.5 gpm (9.5 L/min) flow restrictor. Valve trim with lever handle includes shower escutcheon only. Components made from metal and nonmetallic materials plated in standard polished chrome finish.
Modifications	Compliance
<input type="checkbox"/> -1.5  1.5 gpm (5.7 L/min) flow restrictor <input type="checkbox"/> -2.0  2.0 gpm (7.6 L/min) flow restrictor <input type="checkbox"/> -442HSB 30" slide bar in place of wall cradle on hand shower units <input type="checkbox"/> -STN <i>Satin nickel finish</i>	-ASME A112.18.1; CSA B125.1 
<p>Note: Append appropriate -suffix to model number.</p>	<h3>Warranty</h3> <p>Limited Lifetime - to the original end purchaser in consumer installations. 5 Years - for commercial installations.</p> <p>Refer to www.symmons.com/warranty for complete warranty information.</p>

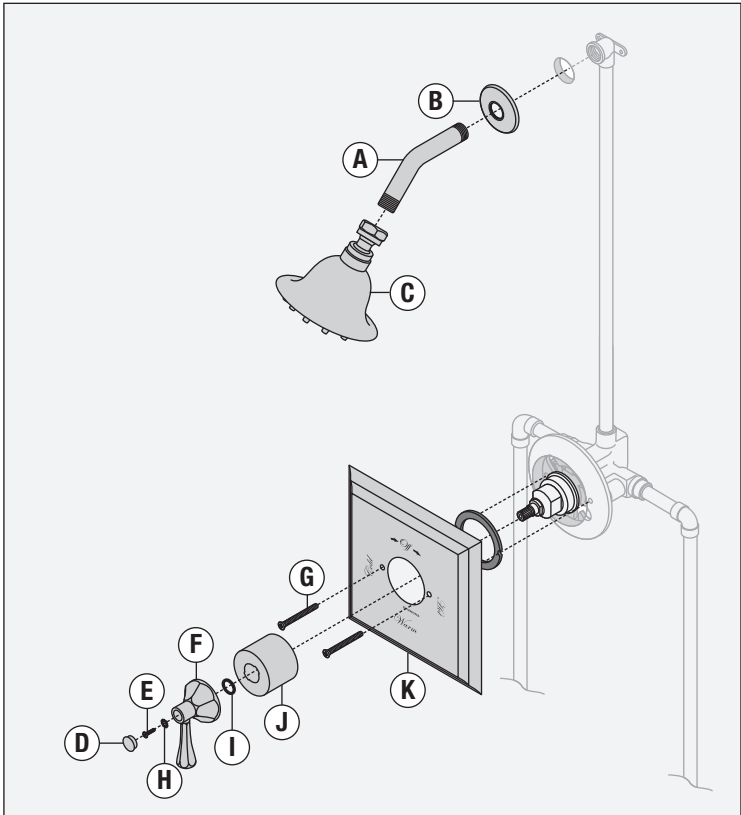
Dimensions



Measurements	
A	Ø 2 1/4", 57 mm
B	8 1/2", 216 mm
C	Male 1/2" NPT thread must be recessed 1/4" from finished wall
D	7 1/2", 191 mm
E	Reference 77", 1956 mm
F	3 1/2", 89 mm
G	Reference 45", 1143 mm
H	2 13/16", 71 mm
I	3 1/16", 78 mm
J	(Rough-in) 2" ± 1/2", 51 mm ± 13 mm


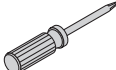

- Notes:**
- 1) All dimensions measured from nominal rough-in (see J as reference).
 - 2) Dimensions are subject to change without notice.

Parts Breakdown



Replacement Parts		
Item	Description	Part Number
A B	Shower Arm Flange	300
C	Showerhead	4-163
D E F H	Plug Button Set Screw Handle Star Washer	T-226
G K	Mounting Hardware Shower Escutcheon	T-225
I J	Lock Nut Dome Cover	T-19/20-PL

- Notes:**
- 1) Append -STN to part number for satin nickel finish.
 - 2) Append -1.5 or -2.0 to showerhead for low flow.

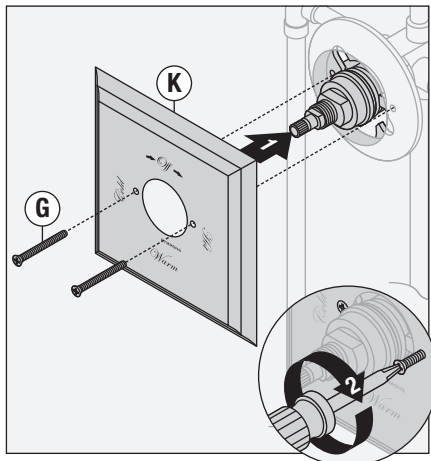
Required for Installation	
Adjustable wrench	
Phillips head screwdriver	
Teflon Tape	

Installation

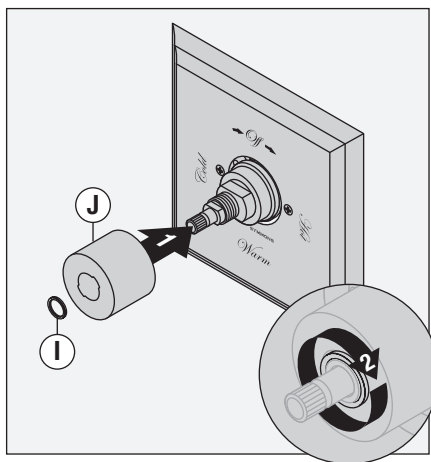
Note:

For valve body installation, please see valve body installation guide.

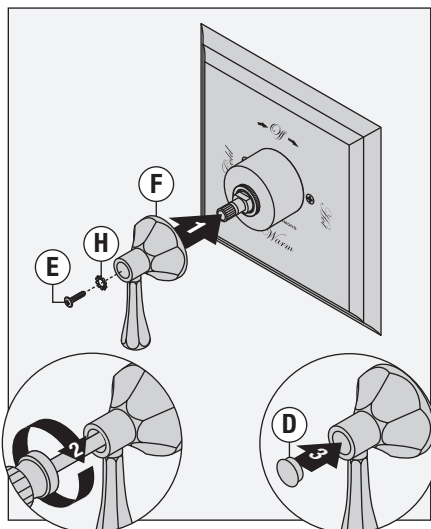
- 1) Install shower escutcheon (K) to shower valve. Secure with two screws (G).



- 2) Install dome cover (J) to valve and secure with lock nut (I).

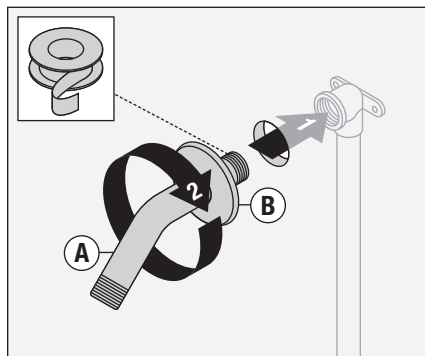


- 3) Install handle (F) to valve and secure with screw (E) and star washer (H). Attach plug button (D) to handle.

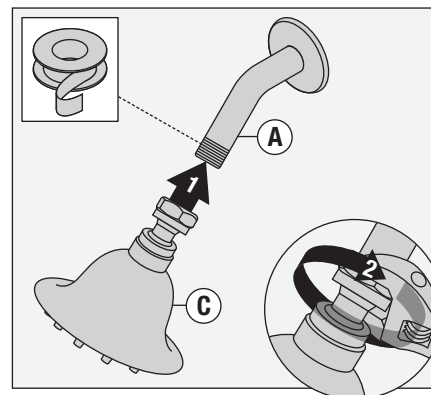


Note: Handle should be facing the 6 o'clock position.

- 4) Attach shower arm (A) and flange (B) to vertical shower pipe turning clockwise to tighten.



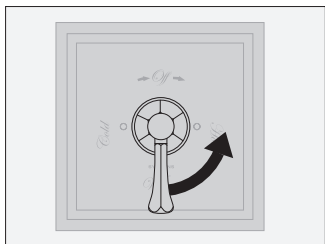
- 5) Install showerhead (C) to shower arm (A) turning clockwise to tighten.



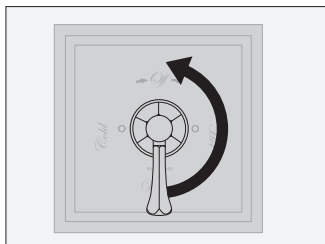
Operation

Temperature Control

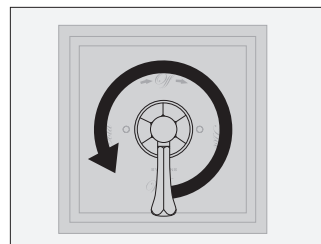
- 1) Turn shower handle counterclockwise approximately 1/4 turn to put valve in cold position.



- 2) Turn shower handle counterclockwise approximately 1/2 turn to put valve in warm position.



- 3) Turn shower handle counterclockwise approximately 3/4 turn to put valve in hot position.



Care and Cleaning

- 1) Clean finished trim area with a soft cloth using mild soap and water or a non-abrasive cleaner and then quickly rinse with water.

Troubleshooting Chart

Problem	Cause	Solution
Finish is spotting.	Elements in water supply may cause water staining on finish.	Clean finished trim area with a soft cloth using mild soap and water or a non-abrasive cleaner and then quickly rinse with water.